

**EPA REGISTRATION NUMBER 83529-92**

# PROCESSING REQUEST

Reg # 83529-92

Decision # 534900

Description: NEW PRODUCT

Electronic Label & Letter  
(see PPLS):

OR

Non Electronic  
Label & Letter  
(Scanning required):

☒ Dated: 3/6/18

☐ Dated:

\*\*\*Only one label type should be selected\*\*\*

Other Materials Sent (see jacket):

☒ New CSF(s) Dated: 10/16/17

☐ Other:

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: SARAH MEADOWS

Division: RD

Phone: 347-0505

Date: 3/15/18.



## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

83529-92

Date of Issuance:

3/6/18

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

SHARDA ACETOCILOR 32.6%  
+ ATRAZINE 24.4% SE

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC  
c/o Wagner Regulatory Associates Inc.  
PO Box 640, 7217 Lancaster Pike, Suite A  
Hockessin, DE 19707

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Reuben Baris, Product Manager 25  
Herbicides Branch, Registration Division (7505P)

Date:

3/6/18

2. You are required to comply with the data requirements described in the DCI identified below:

- a. Acetochlor GDCI-121601-1660

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 83529-92."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/16/2017

If you have any questions, please contact Sarah Meadows by phone at 703-347-0505, or via email at [meadows.sarah@epa.gov](mailto:meadows.sarah@epa.gov).

Enclosure

**RESTRICTED USE PESTICIDE**

This product is a restricted use herbicide due to ground and surface water concerns. For retail sale to and use only by Certified Applicators, or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Users must read and follow all precautionary statements and instructions for use in order to minimize potential for atrazine to reach ground and surface water

ACETOCHLOR

ATRAZINE

GROUP

5

15

HERBICIDES

**Sharda Acetochlor 32.6% + Atrazine 24.4% SE****ABN: Aectra Plus**

A Pre-Emergence Herbicide For Control of Annual Grasses and Broadleaf Weeds in Field Corn, Production Seed Corn, Silage Corn, Sweet Corn, and Popcorn.

**ACTIVE INGREDIENTS:**

WT. BY %

\*Acetochlor, 2-chloro-N-ethoxymethyl-N-(2-ethyl-6-methylphenyl)acetamide ..... 32.6%

\*\*Atrazine, 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine and related triazines ..... 24.4%

**OTHER INGREDIENTS:** ..... 43.0%

**TOTAL:** ..... 100.0%

\*Contains 3.0 lbs. per U.S. gal. of the active ingredient acetochlor.

\*\*Contains 2.25 lbs. per U.S. gal. of the active ingredient atrazine, and related triazines.

**ACCEPTED**

03/06/2018

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 83529-92

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at **1-800-222-1222**.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

[Optional referral statements when booklets and container labels are used:

See Panel for First Aid Instructions and booklet for complete Precautionary Statements and Directions For Use.

See label booklet for complete Precautionary Statements, Directions For Use, and Storage and Disposal.

See label booklet for additional Precautionary Statements, Directions For Use, and Storage and Disposal.

See label booklet for complete Directions For Use.]

EPA Reg. No. 83529-OE

EPA Est. No. XXXXX-XX-XXX

Manufactured for:

**Sharda USA LLC**

7217 Lancaster Pike, Suite A  
Hockessin, Delaware 19707

Net Contents: \_\_\_\_\_ [Gallons/Liters]

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear and socks
- Protective eyewear
- Chemical-resistant headgear (If overhead exposure)
- Chemical-resistant apron when mixing/loading, cleaning up spills, or cleaning equipment, or otherwise exposed to the concentrate. See **ENGINEERING CONTROL STATEMENT** for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

#### ENGINEERING CONTROL STATEMENT

When applicators use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because an enclosed cab is being used, applicators must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

Acetochlor demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the groundwater is shallow, may result in groundwater contamination.

Atrazine can travel (seep or leach) through soil and can enter groundwater which may be used as drinking water. Atrazine has been found in groundwater. Users are advised not to apply atrazine to sand and loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e., well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

Acetochlor has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices must be followed to minimize the potential for dissolved runoff and/or runoff erosion.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Atrazine Watershed Information Center (AWIC) to determine whether the use of this product is prohibited in your watershed. AWIC can be accessed through [www.atrazine-watershed.info](http://www.atrazine-watershed.info) or 1-866-365-3014. If use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Sharda USA, LLC for a refund.

**Not for Use in Nassau and Suffolk Counties in New York State.**



## Meadows, Sarah

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**From:** Anna Armstrong <Anna@wagnerreg.com>  
**Sent:** Friday, March 02, 2018 1:27 PM  
**To:** Meadows, Sarah  
**Cc:** Anna Armstrong  
**Subject:** RE: EPA File Symbols 83529-OR, -OE, -OG  
**Attachments:** 83529-OE label edits.pdf; 83529-OE.20171016.V2 highlighted.pdf; 83529-OE.20171016.V2 clean.pdf

83529-OE  
171 42641-21011

Hi Sarah,

Here is 83529-OE (attached both clean and highlighted copies). I believe I captured all of your change requests. If not, please let me know.

Please let me know if you have any additional comments or questions.

Thanks and take care,

Anna

**From:** Meadows, Sarah [mailto:Meadows.Sarah@epa.gov]  
**Sent:** Wednesday, February 28, 2018 12:52 PM  
**To:** Anna Armstrong <Anna@wagnerreg.com>  
**Subject:** EPA File Symbols 83529-OR, -OE, -OG

Hello, Anna. I have attached a copy of each of these proposed labels with our edits. Please make these changes and send me a clean copy when you can.

Thanks,

Sarah

Sarah True Meadows, PhD  
US Environmental Protection Agency  
Office of Pesticide Programs  
Registration Division - Herbicide Branch  
(703) 347-0505  
[meadows.sarah@epa.gov](mailto:meadows.sarah@epa.gov)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

SIMILARITY ACTION FOR 83529-OE

February 14, 2018

Subject: Sharda Acetochlor 32.6% + Atrazine 24.4% SE  
EPA File Symbol: 83529-OE  
DP Barcode: 444077  
Action Code: R300  
Submission #: 1010388  
E-Sub #: 23438  
PC Codes: 121601 (Acetochlor: 32.6%)  
080803 (Atrazine: 24.4%)

From: Byron T. Backus, Ph.D., Toxicologist  
CITAB  
Registration Division (7505P)

*Byron T. Backus*  
Feb-14-2018

Through: P.V. Shah, Ph.D., Branch Chief  
CITAB  
Registration Division (7505P)

*P.V. Shah*  
2/14/2018

To: Reuben Baris, RM 25  
Herbicide Branch  
Registration Division (7505P)

Registrant: SHARDA USA LLC

FORMULATION FROM LABEL:

Active Ingredient(s):	% by wt.
*Acetochlor, 2-chloro-N-ethoxymethyl-N-(2-ethyl-6-methylphenyl)acetamide.....	32.6%
**Atrazine, 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine and related triazines.....	24.4%
Other Ingredients: . . . . .	43.0%
TOTAL:	100.0%

\*Contains 3.0 lbs per U.S. gal. of the active ingredient acetochlor

\*\*Contains 2.25 lbs per U.S. gal. of the active ingredient atrazine and related triazines

ACTION REQUESTED: "Is 83529-OE similar to 62719-368?"



**BACKGROUND:** The material available to CITAB includes a cover letter dated October 16, 2017, an application for pesticide registration stating that this product is similar or identical in composition and labeling to 62719-368, a CSF dated October 16, 2017, a proposed label (RESTRICTED USE, with the signal word: WARNING), and a data matrix which indicates the registrant is using cite-all to satisfy the acute toxicity data requirements.

**COMMENTS AND RECOMMENDATIONS:**

1. After a comparison of the basic CSF for 83529-OE with the CSF for 62719-368, CITAB concludes that 83529-OE is toxicologically similar to 62719-368.
2. The precautionary and first aid statements on the last accepted label (January 4, 2013) for EPA Reg. No. 62719-368 give the following acute toxicity profile, which is largely consistent with the results from a six-pack of toxicity studies reviewed in a PRS memorandum dated March 23, 1997:

Acute oral LD <sub>50</sub> (rat)	III	MRID 42637702
Acute dermal LD <sub>50</sub> (rat)	IV	MRID 42637703
Acute inhalation LC <sub>50</sub> (rat)	IV	MRID 42637704
Eye irritation (rabbit)	II	MRID 42637705
Skin irritation (rabbit)	IV	MRID 42637706
Dermal sensitization	Positive	MRID 42718901

3. Based on toxicological similarity, the acute toxicity profile given above is also applicable to 83529-OE.
4. Based on the acute toxicity profile given above, as well as information from the CSF and proposed label, the following is the precautionary and first aid labeling for 83529-OE:

**PRODUCT ID #:** 083529-00092

**PRODUCT NAME:** Sharda Acetochlor 32.6% + Atrazine 24.4% SE

**PRECAUTIONARY STATEMENTS**

**KEEP OUT OF REACH OF CHILDREN**

**SIGNAL WORD: WARNING**

**Hazards to Humans and Domestic Animals:**

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Wear (specify appropriate protective eyewear such as goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**First Aid:**

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

Wear long-sleeved shirt and long pants, socks, and shoes.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:**

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

5. All acute toxicity data requirements for the registration of 83529-OE have been satisfied by cite-all.
6. The proposed Basic CSF (dated October 16, 2017) and chemistry data for EPA File Symbol 83529-OE must also be reviewed and accepted by the product chemists in the Chemistry, Inerts and Toxicology Assessment Branch.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460  
OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION  
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

**BARCODE No.:** D 444277; **FILE SYMBOL No:** 83529-OE; **PRODUCT NAME:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus; **DECISION No.** 534900; **PC Code(s):** 121601; 080803; **ACTION CODE:** R300; **COMPANY:** Sharda USA, LLC; **MRID No(s):** 504106-01 to -04

**DATE OUT:** Dec. 11, 2017

**SUBJECT:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus

**FROM:** Indira Gairola / Product Chemistry Team  
CITAB / RD (7505P)

**TO:** Sarah Meadows / Reuben Baris, RM 25  
Herbicide Branch / RD (7505P)

12/11/17  
SMB 12/11/17

**Company Name:** Sharda USA, LLC

**INTRODUCTION:**

Registrant is submitting Group A & Group B Product Chemistry Data for product Sharda Acetochlor 32.6%+Atrazine 24.4% SE ABN Aectra Plus along with a Basic CSF Dated 10-16-2017. CITAB has been asked to determine the acceptability of the product chemistry data and the proposed CSF

**SUMMARY OF FINDINGS:**

1. Name of Active Ingredients (s): Acetochlor (32.6%), Atrazine (24.4%)
2. Has the registrant claimed substantial similarity to a registered product?  
[ ] Yes; [x] No; [ ] NA; if yes give the registration number of the cited product
3. All of the source materials of the active ingredient are derived from registered sources-  
[x] Yes [ ] No
4. All inert ingredients have been screened by CITAB (Inert Team) and found to be approved for the proposed label uses - [x] Yes; [ ] No.

**BARCODE No.:** D 444277; **FILE SYMBOL No.:** 83529-OE; **PRODUCT NAME:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus; **DECISION No.** 534900; **PC Code(s):** 121601; 080803; **ACTION CODE:** R300; **COMPANY:** Sharda USA, LLC; **MRID No(s):** 504106-01 to -04

5. Confidential Statement of Formula(s):

☒ Basic – Dated (Dated 10-16-2017)

☐ Re-submitted –

☐ Alternate CSFs

Alternate CSF(s) complies with 40CFR§152.43: ☐ Yes; ☐ No; ☒ NA

6. Product label

a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2).

☒ Yes, if not, explain below:

Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredient)

☒ Yes; ☐ No; if not, explain below

Metallic equivalent: ☐ Yes ☒ NA;

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA

Acid Equivalent: ☐ Yes ☒ NA

b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes; ☐ No; ☒ NA

Methanol at > 4%: ☐ Yes; ☐ No; ☒ NA

Sodium nitrate/sodium nitrite ☐ Yes; ☐ No; ☒ NA

c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?

☒ Yes ☐ No

Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?

☐ Yes; ☐ No; ☒ NA; if not, explain below

d. Label requires an additional Storage and Disposal statement ☐ Yes ☒ No; if yes explain below:

**BARCODE No.:** D 444277; **FILE SYMBOL No:** 83529-OE; **PRODUCT NAME:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus; **DECISION No.** 534900. **PC Code(s):** 121601; 080803; **ACTION CODE:** R300; **COMPANY:** Sharda USA, LLC; **MRID No(s):** 504106-01 to -04

**7. Group A: Product Chemistry Data**

CITAB's determination of the acceptability for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		CITAB's Assessment of Data	MRI708D Nos. Cited
			Yes	No		
830.1550	Product Identity & Composition		x		A	504106-01
830.1600	Description of materials used to produce the product		x		A	504106-01
830.1650	Description of formulation process		x		A	504106-01
830.1670	Discussion on the formation of impurities		x		A	504106-01
830.1700	Preliminary analysis				NA	
830.1750	Certified limits (158.350)	Standard certified limits	x		A	Basic CSF dated 10-16-2017
		Proposed Limits	x			
		Justification for wider limits				
830.1800	Enforcement analytical method <sup>1</sup>		x		A	504106-02 Validated method was provided

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress, NA = Not Applicable; U = Upgradeable.

**BARCODE No.:** D 444277; **FILE SYMBOL No.:** 83529-OE; **PRODUCT NAME:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus; **DECISION No.** 534900\_PC **Code(s):** 121601; 080803; **ACTION CODE:** R300; **COMPANY:** Sharda USA, LLC; **MRID No(s):** 504106-01 to -04

**Group B:**

Guideline No.	Study Title	Value or Qualitative Description	CITAB's Assessment of Data	MRID Nos.
830.6303	Physical State	White liquid	A	504106-02
830.6314	Oxidation/Reduction	A physical change was observed with Amm. di-hydrogen phosphate & Ca nitrate (it became solid)	A	504106-03
830.6315	Flammability	> 100 °C,	A	504106-02
830.6316	Explodability	does not contain any explosive ingredients	W	504106-04
830.7000	pH	4.5 (1% soln. w/w) @ 21°C	A	504106-02
830.7100	Viscosity	At 20 °C: 1631.65 to 8488.19 cP At 40 °C: 131.14 to 244.23 cP	A	504106-02
830.7300	Density (units)	1.1006 g/ml @ 25°C	A	504106-02
830.6317	Storage stability Or Accelerated storage stability	Accelerated storage stability was submitted Acceptable recovery was reported	A	504106-02
830.6320	Corrosion characteristics or Accelerated corrosion characteristics	Accelerated corrosion characteristics was submitted, results showed no damage no collapse, without any leaks	A	504106-02

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver request, NA = Not applicable, I = In progress; U = Upgradeable.

**BARCODE No.:** D 444277; **FILE SYMBOL No:** 83529-OE; **PRODUCT NAME:** Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus; **DECISION No.** 534900\_PC **Code(s):** 121601; 080803; **ACTION CODE:** R300; **COMPANY:** Sharda USA, LLC; **MRID No(s):** 504106-01 to -04

**CONCLUSIONS:**

CITAB has reviewed the product chemistry data submitted for the end-use product "Sharda Acetochlor 32.6%+ Atrazine 24.4% SE ABN Aectra Plus" and has concluded that:

Substantial similarity to the cited product (Reg. No.)

- A.) ☐ Similar  
☐ Not similar, give reasons ☐ Identical  
☐ Not identical  
☒ Not applicable
- B 1. Basic CSF (dated 10-16-2017)  
☒ Acceptable  
☐ Acceptable with the exception of Guideline (s)  
☐ Not Applicable

- 2.. Alternate CSF  
☐ Acceptable  
☐ Not Acceptable  
☒ Not Applicable  
If not acceptable give reasons

**C. Group A Product Chemistry Data**

- ☒ Acceptable  
☐ Acceptable with the exception of Guideline (s)  
☐ Not acceptable  
☐ Not required  
☐ Data cited

**D. Group B Product chemistry data**

- ☒ Acceptable  
☐ Not acceptable  
☐ Acceptable with the exception of Guideline (s)  
☐ Not required  
☐ Data cited-not acceptable

**E. Product Label/Draft Label**

**Recommendations –** ☒ NO



Submitted Electronically

October 16, 2017

Document Processing Desk (REGFEE)  
Attn: Debra Rate, PM 25  
Registration Division  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7505P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, Virginia 22202-4501



**Subject: Sharda Acetochlor 32.6% + Atrazine 24.4% SE**  
**ABN: Aectra Plus; EPA Company No. 83529**  
**Application to register a new end-use product - (PRIA R300)**

Dear Ms. Rate:

Wagner Regulatory Associates, Inc., as agent for Sharda USA LLC, is requesting registration of the above referenced product. In support of this request, the following documents and studies are being submitted electronically via the EPA CDX PSP portal.

- Letter from Sharda USA LLC appointing Wagner Regulatory Associates, Inc. as its agent
- Application for Pesticide Registration (8570-1)
- Confidential Statement of Formula (8570-4)
- Certification with Respect to Citation of Data (8570-34)
- Data Matrix (8570-35), internal and public versions
- Data Transmittal Document
- Formulators Exemption (8570-27)
- Data as outlined in the transmittal document
- Draft label
- Certification with Respect to Label Integrity
- Receipt confirming payment of fee for PRIA R300 - \$1,582.

Thank you in advance for your efforts in reviewing this submission. Please do not hesitate to contact me by email at [anna@wagnerreg.com](mailto:anna@wagnerreg.com) or by phone at 302-510-0039 should you have any questions.

Respectfully submitted,

Anna Armstrong  
Agent for Sharda USA LLC

Enclosures

**DATA TRANSMITTAL DOCUMENT**

1. **Name and Address of Submitter**  
Sharda USA LLC  
c/o Wagner Regulatory Associates, Inc.  
P.O. Box 640  
Hockessin, DE 19707
2. **Regulatory Action In Support Of Which This Package Is Submitted**  
Application for New Registration  
Sharda Acetochlor 32.6% + Atrazine 24.4% SE; ABN: Aectra Plus
3. **Transmittal Date**  
October 16, 2017
4. **List of Submitted Studies**

50410601	Sharda Acetochlor 32.6% + Atrazine 24.4% SE Product Identity and Composition, Description of Materials, Description of Formulation Process, Preliminary Analysis, Discussion of Impurities, and Certified Limits. OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750
50410602	Acetochlor 32.6% + Atrazine 24.4% + Dichlormid 5.6% SE - Physical-Chemical Properties and Accelerated Storage Study, Study No. E17003, OPPTS: 830.1800, 830.6302, 830.6303, 830.6304, 830.6313, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300, 830.7520
50410603	Acetochlor 32.6% + Atrazine 24.4% +Dichlormid 5.6% SE - Flash Point And Oxidizing Properties, Study No. E17103, OPPTS: 830.6314, 830.6315
50410604	Sharda Acetochlor 32.6% + Atrazine 24.4% SE Product Chemistry – Group B: Request for Waiver for Certain Physical/Chemical Properties Data. OPPTS 830.6313; 830.6316; 830.6319; 830.6321; 830.7050; 830.7200; 830.7220; 830.7370; 830.7520; 830.7550; 830.7560; 830.7570; 830.7840; 830.7860; 830.7950

**Company Official:**

Anna Armstrong  
Authorized Agent

  
Signature

**Company Name:** Sharda USA LLC**Company Contact:**

Anna Armstrong  
Authorized Agent

(302) 510-0039  
Phone



United States  
Environmental Protection Agency  
Washington, DC 20460



Registration

Amendment

Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 83529-XX	2. EPA Product Manager Debra Rate	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sharda USA LLC / Sharda Acetochlor 32.6% + Atrazine 24.4% SE:ABN: Aectra Plus	PM# 25	
5. Name and Address of Applicant (Include Zip Code) Sharda USA LLC c/o Wagner Regulatory Associates, Inc P.O. Box 640 Hockessin, DE 19707 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. 62719-368 Product Name: Keystone	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

PRIA Code - R300

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) HDPE lined bags		
* Certification must be submitted		If "Yes" No. per container Unit Packaging wgt	If "Yes" No. per container Package wgt		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 gal; 2gal; 2.5 gal x 2; 5gal; 10gal; 110gal; 265gal; Bulk; Totes		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Anna Armstrong	Title Agent for Sharda USA LLC	Telephone No. (Include Area Code) (302)-510-0039 (anna@wagnerreg.com)
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Agent for Sharda USA LLC	
4. Typed Name Anna Armstrong	5. Date October 16, 2017	

This is a reproduction of EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

**From:** notification@pay.gov  
**To:** Anna Armstrong  
**Subject:** Pay.gov Payment Confirmation: PRIA Service Fees  
**Date:** Monday, October 16, 2017 9:34:03 AM

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Your payment has been submitted to Pay.gov and the details are below. If you have any questions regarding this payment, please contact Michael Yanchulis at (703) 347-0237 or [yanchulis.michael@epa.gov](mailto:yanchulis.michael@epa.gov).

Application Name: PRIA Service Fees  
Pay.gov Tracking ID: 2651KFIJ  
Agency Tracking ID: 75345072669  
Transaction Type: Sale  
Transaction Date: 10/16/2017 09:33:59 AM EDT

Account Holder Name: Cheryl R. Wagner

Transaction Amount: \$1,582.00  
Card Type: AmericanExpress  
Card Number: \*\*\*\*\*2008

Registration Number:  
Company Name: Sharda USA LLC  
Company Number: 83529  
Action Code: R300

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.



United States  
**Environmental Protection Agency**  
 Washington, DC 20460  
**Formulator's Exemption Statement**  
 (40 CFR 152.85)

Applicant's Name and Address <b>Sharda USA LLC</b> c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707	EPA File Symbol/Registration Number <b>83529-XX</b>
	Product Name Sharda Acetochlor 32.6% + Atrazine 24.4% SE;ABN: Aectra Plus
	Date of Confidential Statement of Formula (EPA Form 8570-4) <b>10/16/2017</b>

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Acetochlor  
 Atrazine

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

**Source**

Active Ingredient	Product Name	Registration Number
Acetochlor Atrazine		
<i>*Product ingredient source information may be entitled to confidential treatment*</i>		
Signature	Name and Title Anna Armstrong, Agent	Date 10/16/2017



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**1200 Pennsylvania Avenue, N.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Sharda USA LLC, P.O. Box 640, Hockessin, DE 19707	EPA Registration Number/File Symbol 83529-XX
Active Ingredient(s) and/or representative test compound(s) Acetochlor + Atrazine	Date October 16, 2017
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial food Crops	Product Name Sharda Acetochlor 32.6% + Atrazine 24.4% SE ABN: Aectra Plus

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT** (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
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**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 10/16/2017	Typed or Printed Name and Title Anna Armstrong, Agent
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, S.W.

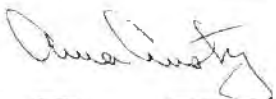
WASHINGTON, D.C. 20460

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## DATA MATRIX

Date: October 16, 2017		EPA Reg No./ File Symbol: 83529-XX	Page 1 of 3
Applicant's/Registrant's Name and Address: Sharda USA LLC c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707		Product: Sharda Acetochlor 32.6% + Atrazine 24.4% SE ABN: Aectra Plus	
Ingredient: Acetochlor + Atrazine			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT SPECIFIC</b>					
830.1550, 830.1600, 830.1650, 830.1670, 830.1750	Product Identity & Composition/ Description of Materials used to Produce the Product/Description of Formulation Process/Discussion of Formation and Toxicity of Impurities. Certified Limits	50410601	Sharda USA LLC	Own	
830.1700	Preliminary Analysis	50410601	Sharda USA LLC	Own	
830.1800	Enforcement Analytical Method	50410602	Sharda USA LLC	Own	
830.6302	Color	50410602	Sharda USA LLC	Own	
830.6303	Physical State	50410602	Sharda USA LLC	Own	
830.6304	Odor	50410602	Sharda USA LLC	Own	
830.6313	Stability to Normal & Elevated Temperatures	50410602	Sharda USA LLC	Own	
830.6314	Oxidation/Reduction	50410604	Sharda USA LLC	Own	
830.6315	Flammability	50410603	Sharda USA LLC	Own	
830.6316	Explosibility	50410604	Sharda USA LLC	Own	
830.6317	Storage Stability	50410602	Sharda USA LLC	Own	
830.6319	Miscibility	50410604	Sharda USA LLC	Own	
830.6320	Corrosion Characteristics	50410602	Sharda USA LLC	Own	
830.6321	Dielectric breakdown voltage	50410604	Sharda USA LLC	Own	
830.7000	pH	50410602	Sharda USA LLC	Own	
830.7050	UV/Visible Light Absorption	50410604	Sharda USA LLC	Own	
830.7100	Viscosity	50410604	Sharda USA LLC	Own	
830.7200	Melting Point	50410604	Sharda USA LLC	Own	
830.7220	Boiling Point	50410604	Sharda USA LLC	Own	
830.7300	Density/Relative Density	50410602	Sharda USA LLC	Own	

Signature 	Name and Title Anna Armstrong, Agent	Date October 16, 2017
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: October 16, 2017	EPA Reg No./ File Symbol: 83529-XX	Page 2 of 3
Applicant's/Registrant's Name and Address: Sharda USA LLC c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707	Product: Sharda Acetochlor 32.6% + Atrazine 24.4% SE ABN: Aectra Plus	
Ingredient: Acetochlor + Atrazine		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7370	Dissociation Constant in Water	50410604	Sharda USA LLC	Own	
830.7520	Particle Size, fiber length & diameter distribution	50410604	Sharda USA LLC	Own	
830.7550; 7560; 7570	Partition Coefficient (n-Octanol/Water)	50410604	Sharda USA LLC	Own	
830.7840; 7860	Water Solubility/Solubility in Organic Solvents	50410604	Sharda USA LLC	Own	
830.7950	Vapor Pressure	50410604	Sharda USA LLC	Own	
870.1100	Acute Oral Toxicity	CITE ALL	E.I. DuPont Nemours, Wilmington, DE	Pay	
870.1200	Acute Dermal Toxicity		Monsanto Company, Washington, DC		
870.1300	Acute Inhalation Toxicity		Gowan Comp, Yuma, AZ		
870.2400	Primary Eye Irritation		Adama Agan, Raleigh, NC		
870.2500	Primary Dermal Irritation		Drexel Chemical Company, Memphis, TN		
870.2600	Dermal Sensitization		Loveland Products Inc, Greeley, CO		
			Albaugh LLC, Valdosta, GA		
			Dow Agrosociences LLC, Indianapolis, IN		
			Makhteshim Agan of N.A., Raleigh, NC		
			Monsanto Company, Washington, DC		
			Spray Drift Task Force, Washington, DC		
			Outdoor Residential Exp. Task Force, Wash, DC		
			Ag. Reentry Task Force, Washington, DC		
			FIFRA Endangered Species Task Force, Lakewood, WA		
			Ag. Handler Exposure Task Force, Macon, MO		
			Generic Endangered Species Task Force, Gig Harbor, WA		
			Syngenta Crop Protection, LLC, Greensboro, NC		

Signature 	Name and Title Anna Armstrong, Agent	Date October 16, 2017
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, S.W.

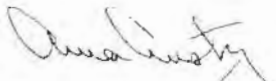
WASHINGTON, D.C. 20460

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## DATA MATRIX

Date: October 16, 2017	EPA Reg No./ File Symbol: 83529-XX	Page 3 of 3
Applicant's/Registrant's Name and Address:	Sharda USA LLC c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707	Product: <b>Sharda Acetochlor 32.6% + Atrazine 24.4% SE</b> <b>ABN: Aectra Plus</b>
Ingredient: Acetochlor + Atrazine		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer Cropscience LP, RTP, NC	Pay	
			FMC Corporation, Philadelphia, PA		
			Scotts Company, Marysville, OH		
			Winfield Solutions, LLC., St. Paul, MN		
			Land O'Lakes Purina Feed LLC, St. Louis, MO		
			BASF Corporation, RTP, NC		
			Chemisco, St. Louis, MO		
			Adama Makhteshim LTD, Raleigh, NC		
			Oxon Italia S.P.A., Gig Harbor, WA		
			Tessenderlo Kerley, Inc., Gig Harbor, WA		
			Dow AgroSciences LLC, Indianapolis, IN		
			Mey Corporation, Washington, DE		

Signature 	Name and Title Anna Armstrong, Agent	Date October 16, 2017
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